

WASTE SITE RECLASSIFICATION FORM

Date Submitted: <u>8/10/2011</u>	Operable Unit(s): <u>200-MG-1</u>	Control Number: <u>2011-075</u>
Originator: <u>N. Chandran</u>	Waste Site Code: <u>200-W-147-PL-A</u>	
Phone: <u>373-4716</u>	Type of Reclassification Action:	
	Closed Out <input type="checkbox"/> Interim Closed Out <input checked="" type="checkbox"/> No Action <input type="checkbox"/> RCRA Postclosure <input type="checkbox"/> Rejected <input type="checkbox"/> Consolidated <input type="checkbox"/>	

This form documents agreement among parties listed authorizing classification of the subject unit as Closed Out, Interim Closed Out, No Action, RCRA Postclosure, Rejected, or Consolidated. This form also authorizes backfill of the waste management unit, if appropriate, for Closed Out and Interim Closed out units. Final removal from the NPL of No Action and Closed Out waste management units will occur at a future date.

Description of current waste site condition:
(Summarize status of investigation/remediation of the waste sites.)

The 200-W-147-PL-A waste site is a portion of underground 20 cm (8 in.) diameter vitrified clay pipe that extends south of the 200 West Area in the Outer Area of the Central Plateau terminating at the 216-S-19 pond. The pipeline conveyed effluent from four different sources (222-S control laboratory, 219-S waste storage facility, 222-SA analytical chemical standards laboratory, and 291-S exhaust fan control house and stack) to the 216-S-19 pond. The selected alternative authorized by DOE/RL-2009-86, *Action Memorandum for Non-Time-Critical Removal Action for 37 Waste Sites in the 200-MG-1 Operable Unit* (Action Memorandum) via TPA-CN-350, *Tri-Party Agreement Change Notice Form: DOE/RL-2009-86 Action Memorandum for Non-Time-Critical Removal Action for 37 Waste Sites in the 200-MG-1 Operable Unit*, Rev. 0, was removal, treatment, and disposal (RTD). Available historical information and process knowledge substantiated the implementation of the RTD alternative, in accordance with DOE/RL-2009-53, *Removal Action Work Plan for 48 Waste Sites in the 200-MG-1 Operable Unit* (RAWP). During RTD activities, a portion of the 200-W-147-PL-A pipeline, which was beneath an access road to adjacent waste sites 216-S-19 and 216-S-26, could not be excavated without compromising the integrity of the access road. As a result, the pipeline was split into two subsites in WIDS: 200-W-147-PL-A:1 and 200-W-147-PL-A:2. Following RTD, verification sampling was performed in accordance with DOE/RL-2009-60, *Sampling and Analysis Plan for Selected 200-MG-1 Operable Unit Waste Sites*, which demonstrated the 200-W-147-PL-A waste site had achieved compliance with the RALs and corresponding removal action objectives (RAOs).

The results show that residual soil concentrations of COPCs less than or equal to the RALs supports a reclassification of the 200-W-147-PL-A waste site (which encompasses both the 200-W-147-PL-A:1 and 200-W-147-PL-A:2 subsites) to interim closed out. The current site conditions achieve the RALs and the corresponding RAOs established in the RAWP. The results of waste site sampling are used to make reclassification decisions for the 200-W-147-PL-A waste site in accordance with the TPA-MP-14 (DOE-RL 2007) process. Finalization of a backfill concurrence form provided to the agency(ies) constitutes concurrence that the waste site has achieved the established RAOs and thus backfill and/or contouring may occur at the 200-W-147-PL-A waste site with minimal risk. Backfill Concurrence Forms for both the 200-W-147-PL-A:1 and 200-W-147-PL-A:2 subsites have been approved by the regulatory agency(ies), and backfill at the 200-W-147-PL-A waste site has been completed.

Basis for reclassification:
(For interim closeout, reference supporting documentation, as listed in Table 3.)

The current site conditions meet RALs and the corresponding RAOs specified in the Action Memorandum. The results show that the residual soil concentrations support reasonably anticipated future land uses recognized in DOE/RL-2008-44, *Engineering Evaluation/Cost Analysis for the 200-MG-1 Operable Unit Waste Sites*, and the Action Memorandum. The results also demonstrate that residual concentrations of COPCs in soil support unrestricted future use of shallow zone soil (i.e., surface to 4.6 m [15 ft] below ground surface) and that COPC concentrations remaining in the soil are protective of groundwater and the Columbia River. There is no deep zone for the 200-W-147-PL-A waste site therefore no institutional controls are required. The basis for reclassification to interim closed out is described in detail in DOE/RL-2011-86, *Response Action Report for 200-MG-1 Operable Unit Waste Site 200-W-147-PL-A*, U.S. Department of Energy, Richland Operation Office, Richland, Washington.

Waste Site Controls:
Engineered Controls: Yes ☐ No ☒ Institutional Controls: Yes ☐ No ☒ O&M requirements: Yes ☐ No ☒
If any of the Waste Site Controls are checked Yes specify control requirements including reference to the Record of Decision, TSD Closure Letter, or other relevant documents.

<u>O. A. Farabee</u> DOE Federal Project Director (printed)	<u>[Signature]</u> Signature	<u>8/10/11</u> Date
<u>Larry Gadbois for Dennis Faulk</u> EPA Project Manager (printed)	<u>[Signature]</u> Signature	<u>Aug 11, 2011</u> Date

ATTACHED TO: 0099084

